FIG. 1A CDMA Transmitter: Block Diagram

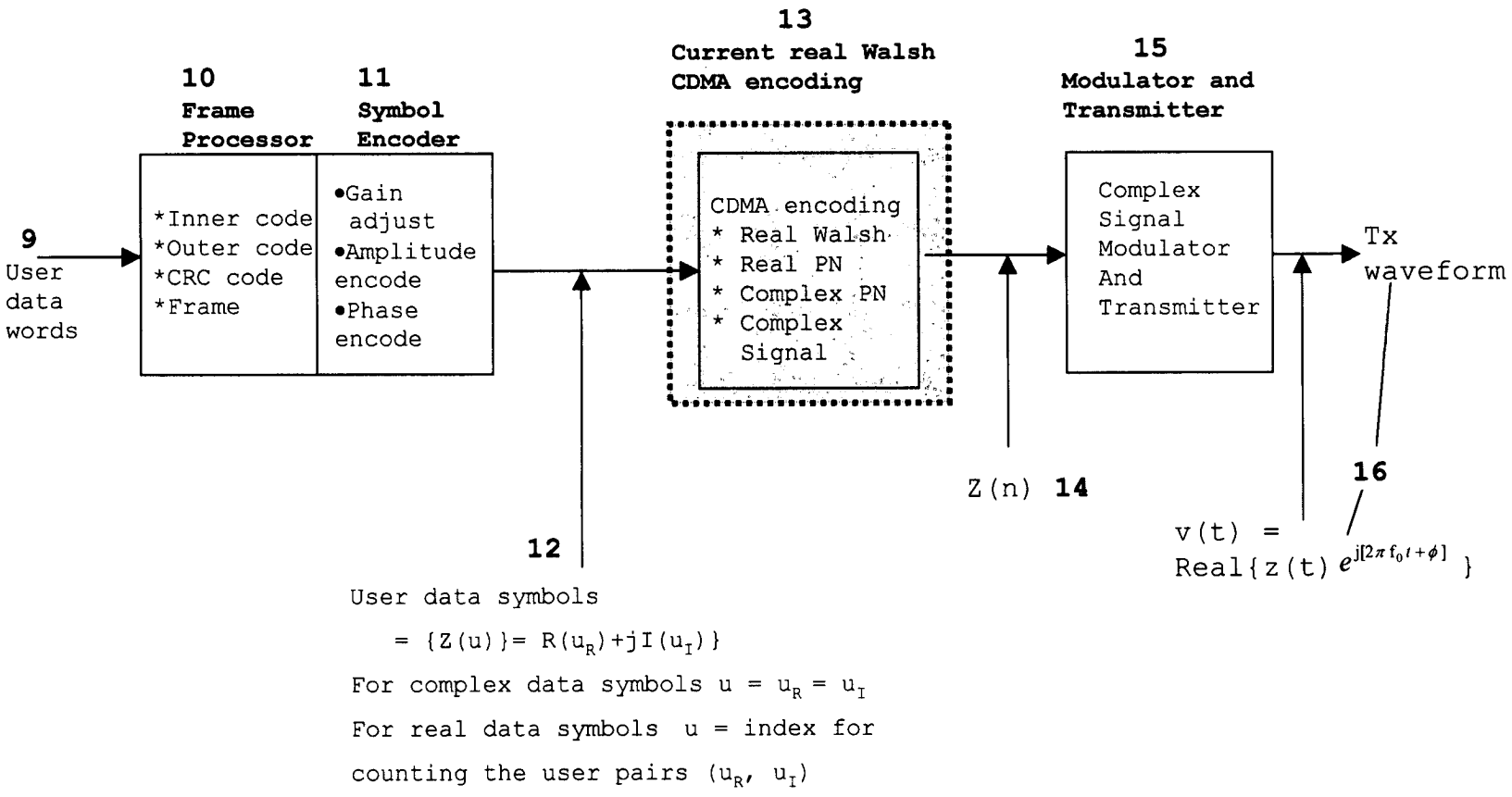

FIG.1B in the amendment drawings is added to help explain FIG. 1A.

FIG. 1B CDMA Transmitter: Cellular Application

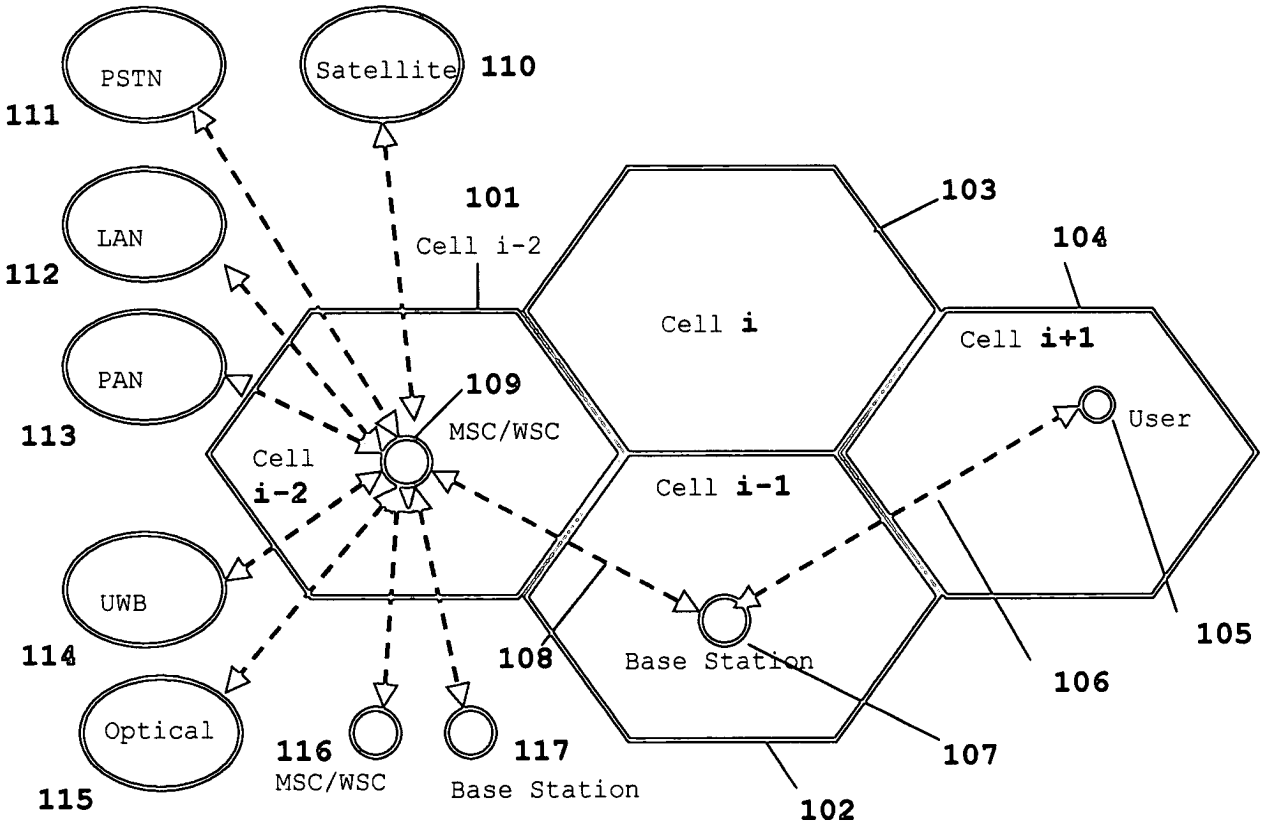

FIG.1C in the amendment drawings is added to help explain FIG. 1A.

FIG. 1C CDMA Transmitter: Cellular Implementation

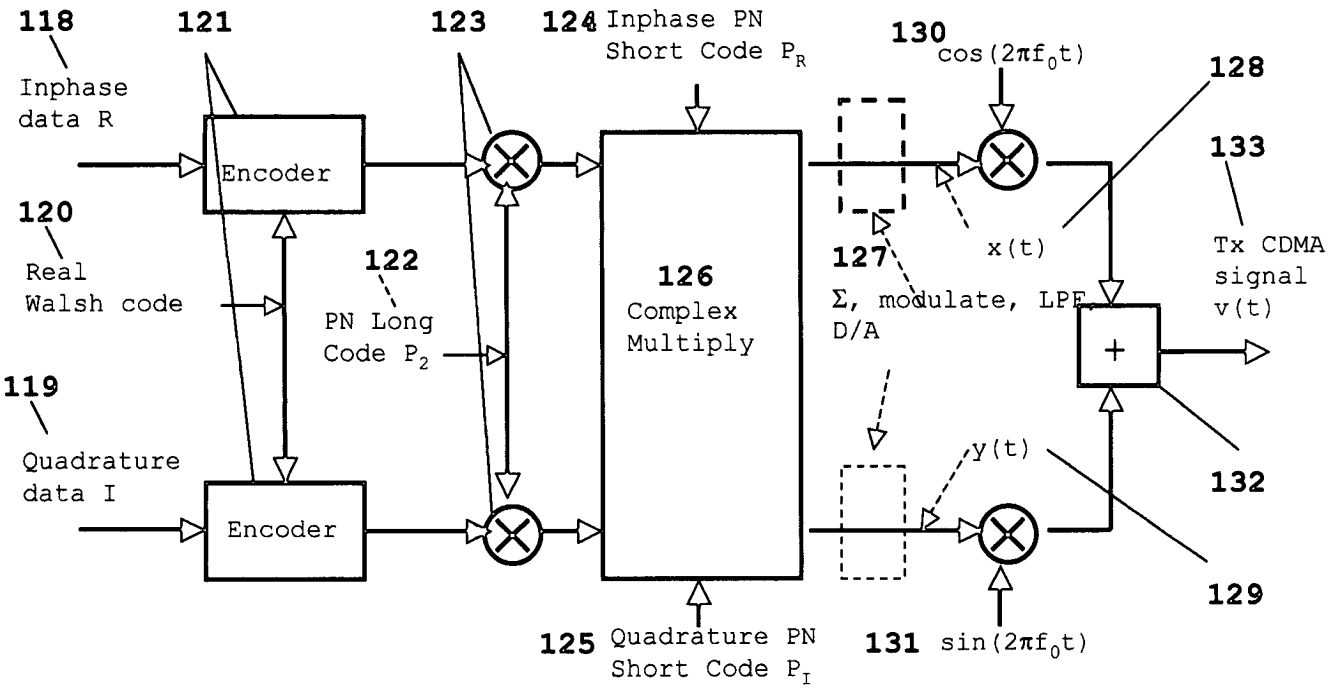

FIG. 2 in the amendment drawings is unchanged.

FIG. 2 Real Walsh CDMA Encoding Implementation

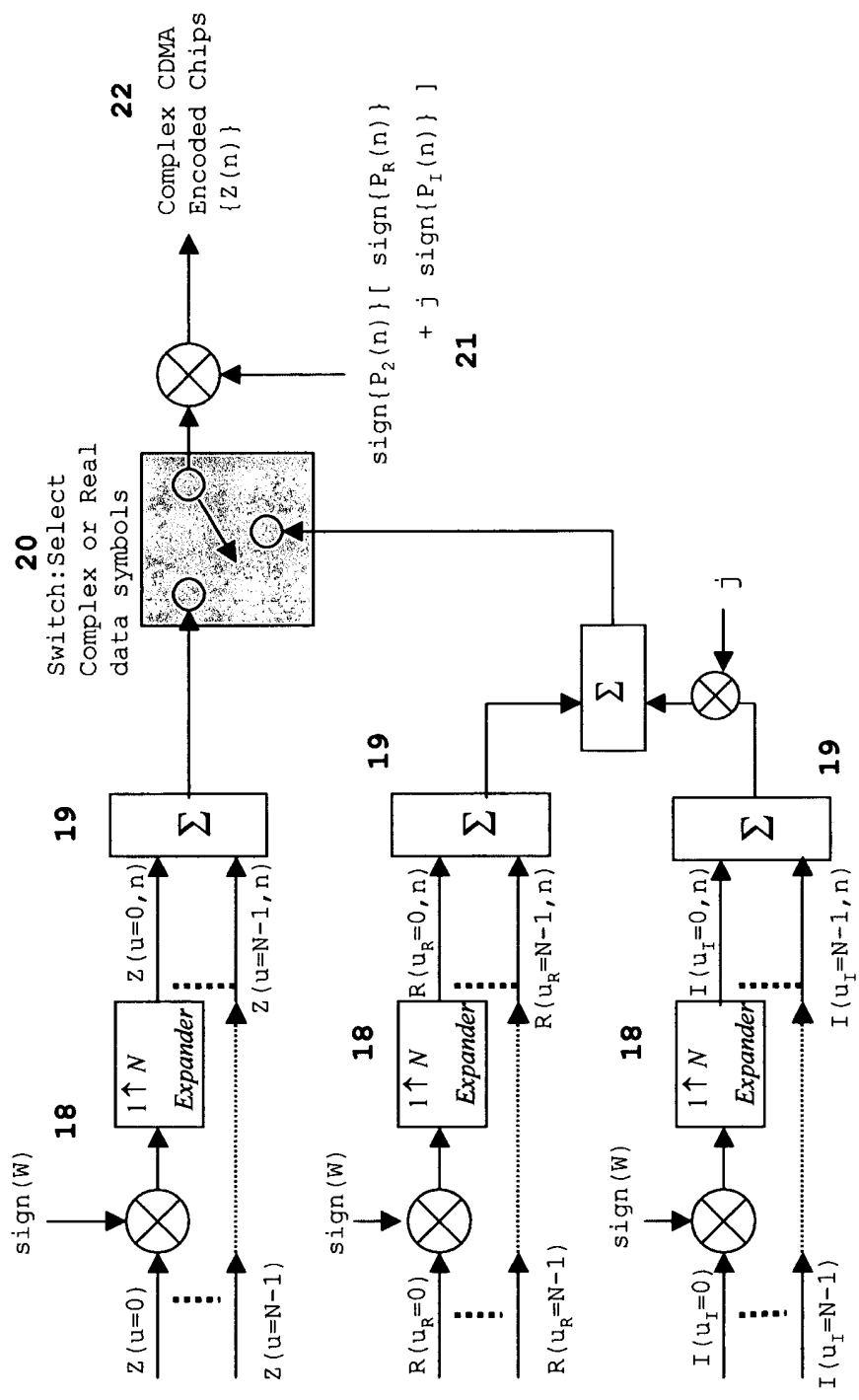

FIG.3A in the amendment drawings is FIG. 3 in the original submittal.

FIG. 3A CDMA Receiver: Block Diagram

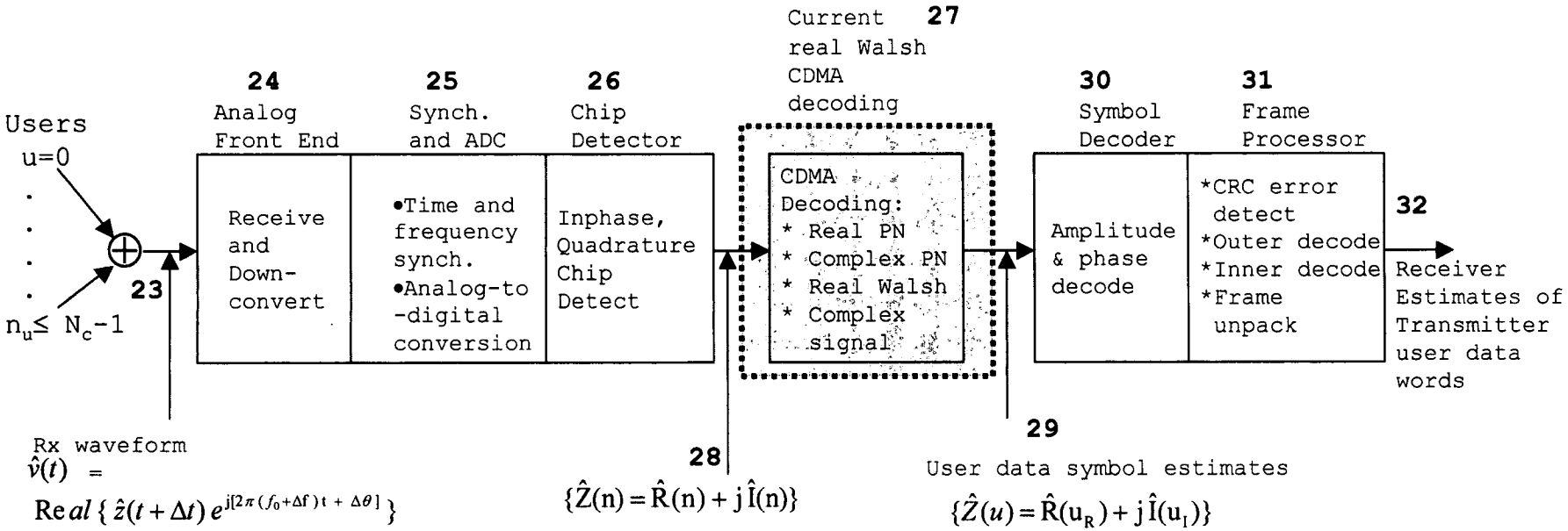

FIG. 3B in the amendment drawings is added to help explain FIG. 3A.

FIG. 3B CDMA Receiver: Cellular Implementation

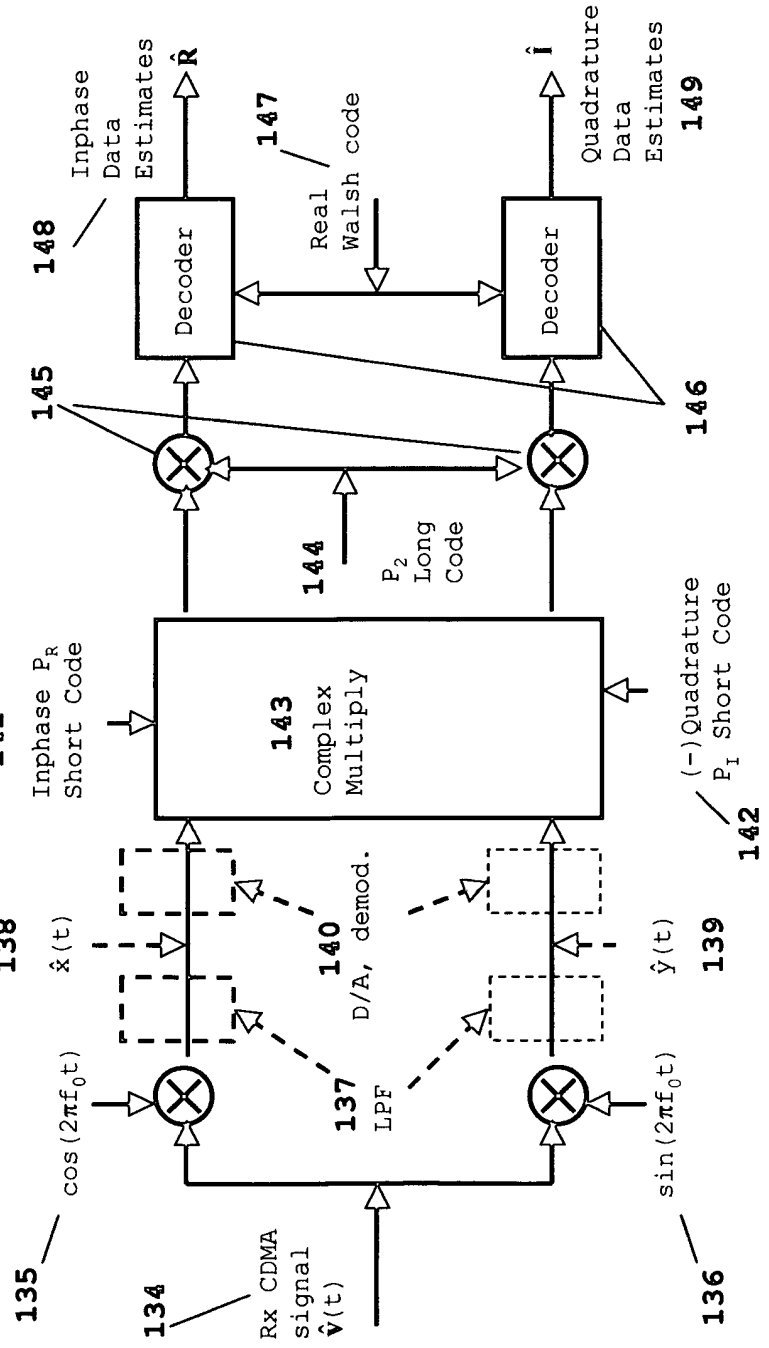

FIG. 4 in the amendment drawings is unchanged.

FIG. 4 Real Walsh CDMA Decoding Implementation

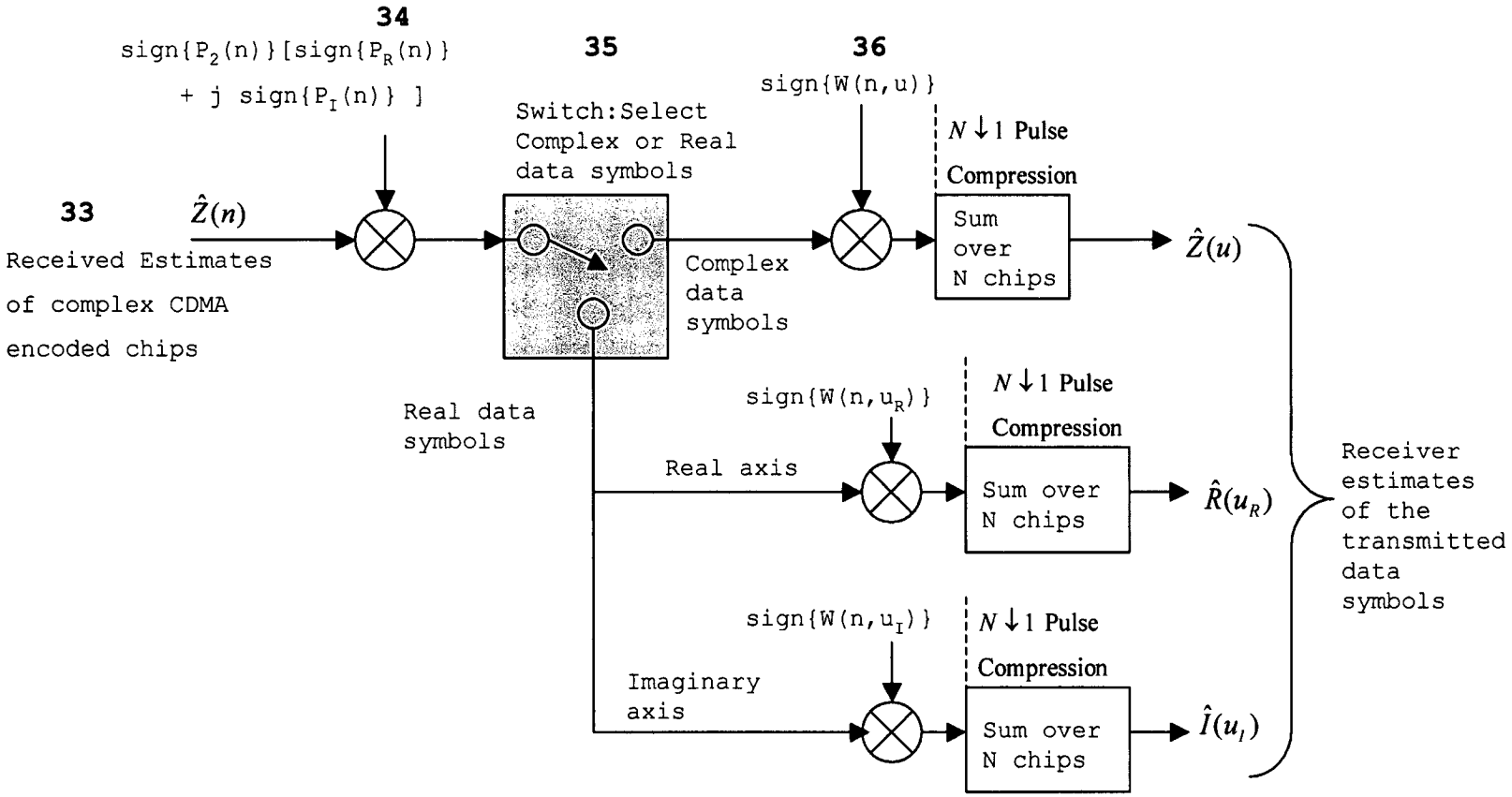

FIG. 5 in the amendment drawings is unchanged.

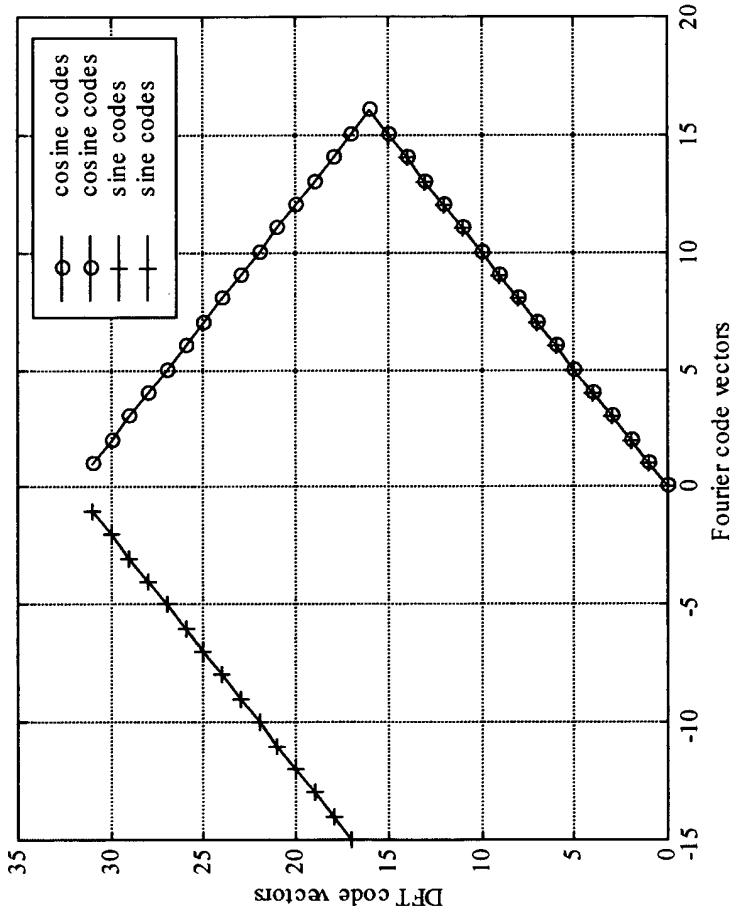

FIG. 5 Correlation of Fourier Codes with DFT Codes for N=32

FIG.6A in the amendment drawings is FIG. 6 in the original submittal.

FIG. 6A Hybrid Walsh: CDMA Encoding Implementation

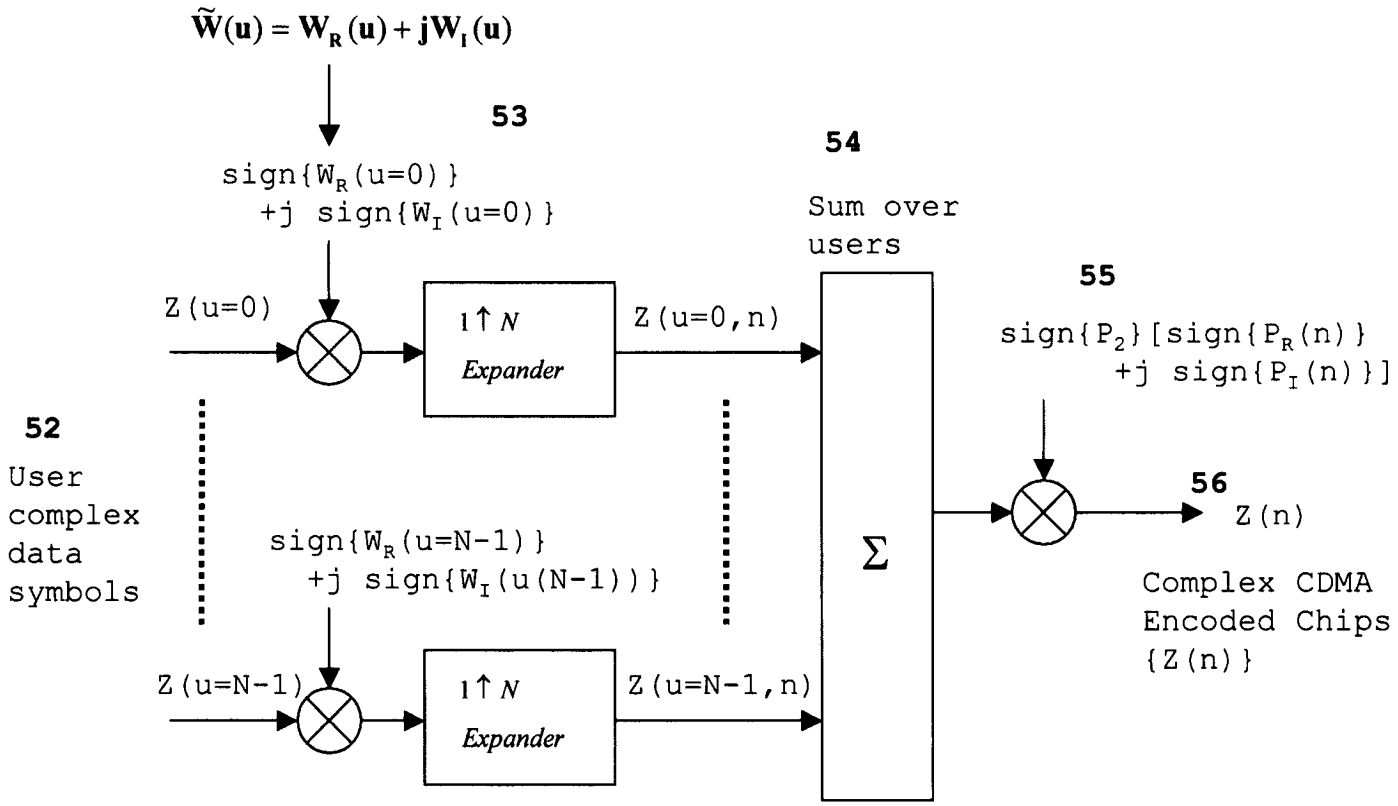

FIG. 6B in the amendment drawings is added to help explain FIG. 6A.

FIG. 6B Hybrid Walsh: Implementation Algorithm

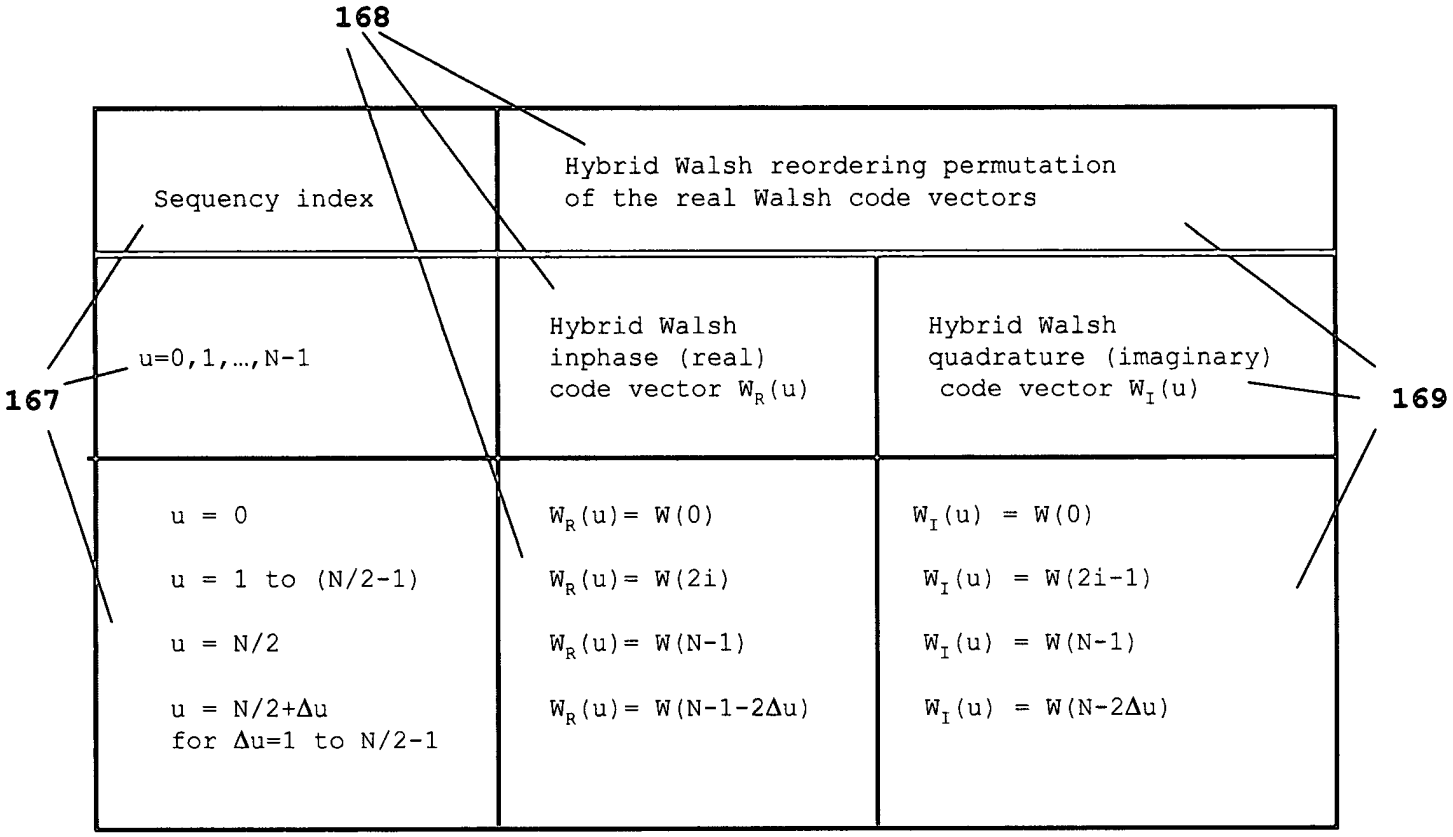

FIG. 6C in the amendment drawings is added to help explain FIG. 6A.

FIG. 6C Hybrid Walsh: Implementation Algorithm Based on Even and Odd Real Walsh Codes

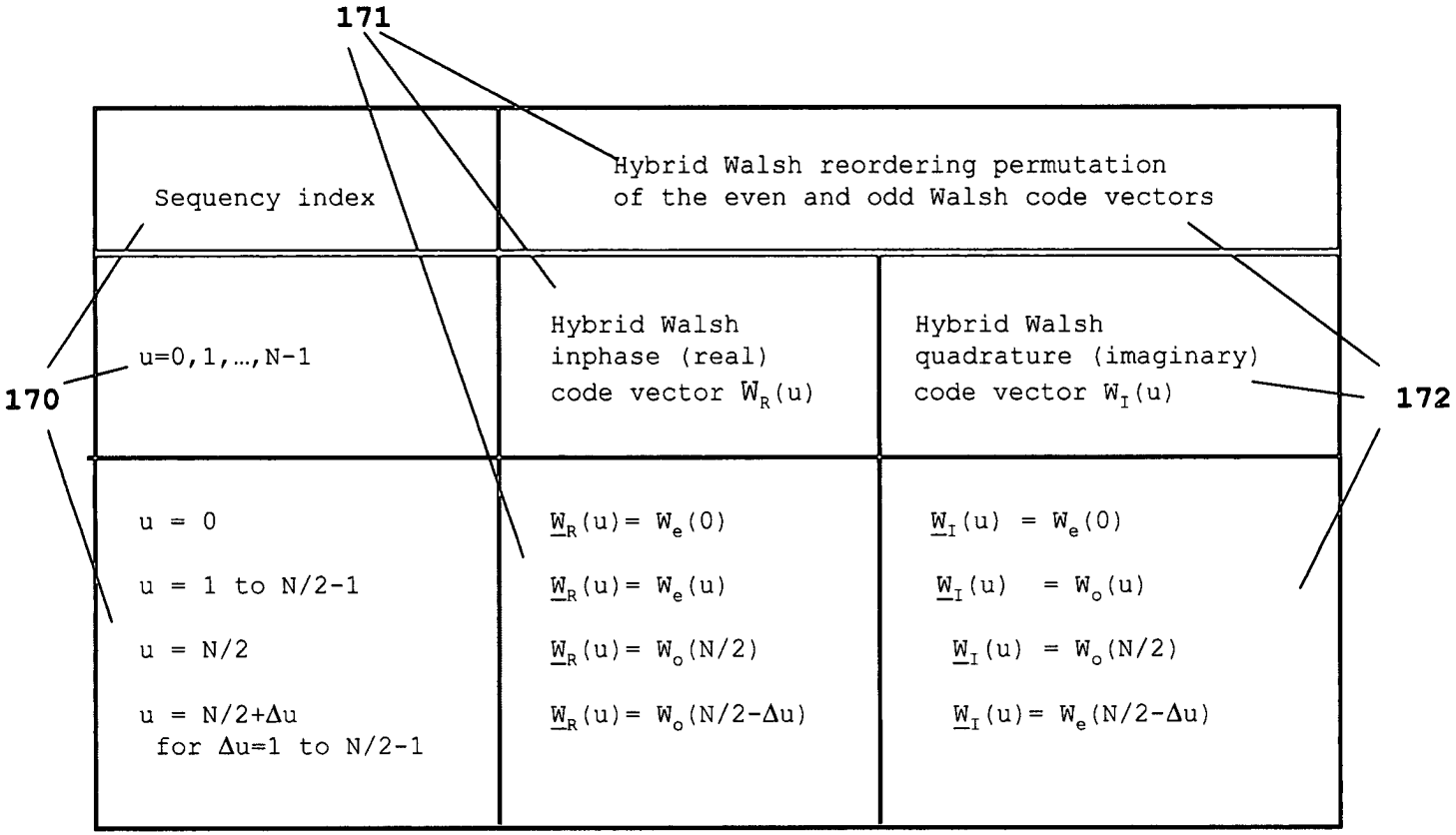

FIG. 6D in the amendment drawings is added to help explain FIG. 6A.

FIG. 6D Hybrid Walsh: Cellular Transmitter Implementation

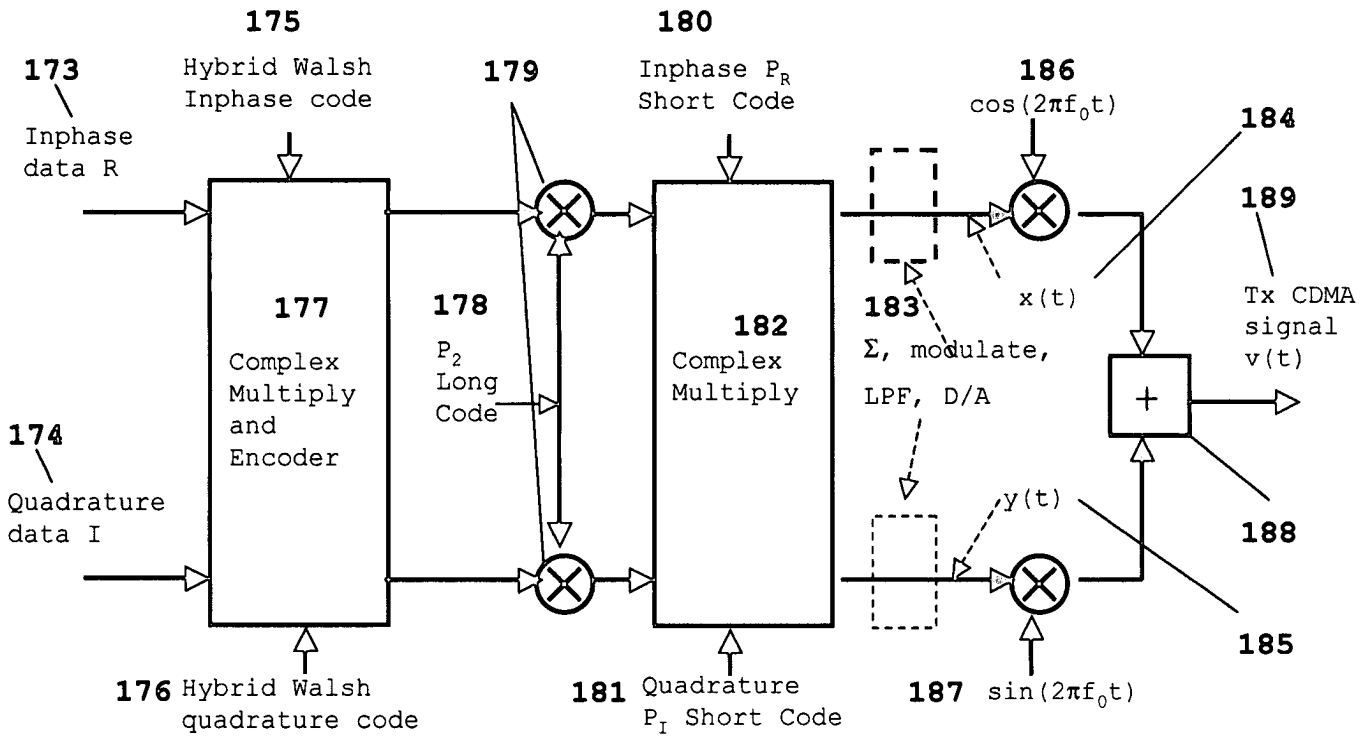

FIG. 7A in the amendment drawings is FIG. 7 in the original submittal.

FIG. 7A Hybrid Walsh CDMA Decoding Implementaion

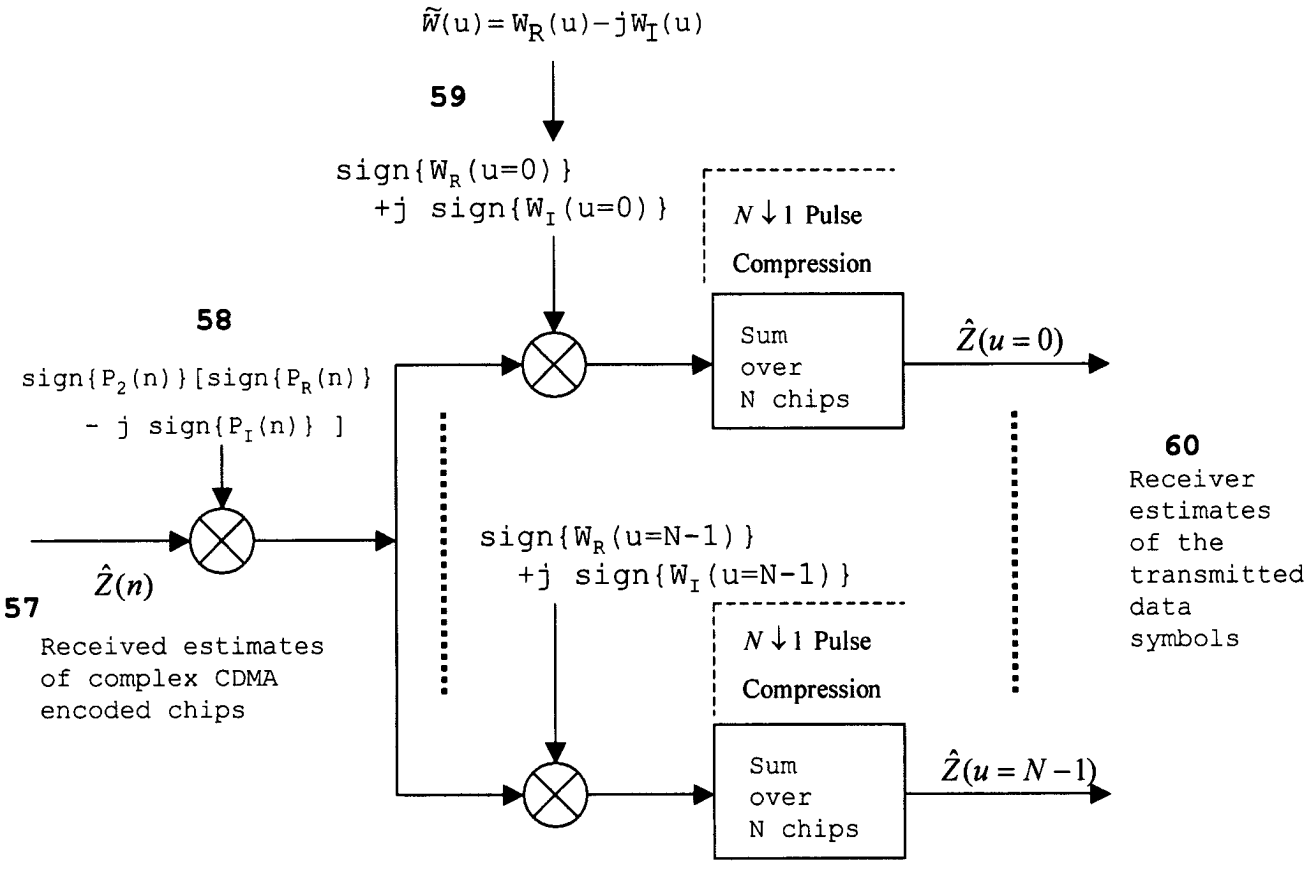

FIG. 7B in the amendment drawings is added to help explain FIG. 7A.

FIG. 7B Hybrid Walsh: Cellular Receiver Implementation